

BHEL, BHOPAL

SAFETY GOGGLES

HSE/PPE/GEM/S1

SCOPE

This standard covers the requirement of Spectacle Type Safety Goggles.

COMPLIANCE WITH STANDARDS

- It shall comply with the standards IS:5983 / EN:166/ ANZI Z87.1
- Authenticated photo copies of the latest test certificates (from OEM's, national Accredited Test Laboratories) to be submitted along with the offer.
- For each PPE specifications, the vendor/bidder shall confirm their acceptance to the BHEL specifications by signing and stamping on it.

TECHNICAL REQUIREMENT

- This is desired to be used in metal processing shops, construction areas and outdoor applications.
- The frame should be made up of nylon/plastic, should be of hinged type for folding.
- The material of the lens should be of high impact resistant optical class 1, zero power, polycarbonate hard-coated lens for scratch resistance.
- The lens shall be toughened and shall pass the mechanical impact resistance test and shall be non-fogging type.
- The thickness of the lens should be 1.5 mm(min) and 2.5 mm (max)
- Should be ergonomically designed and the nose bridge should be such as to provide wide coverage to protect complete eyes and be comfortable and fit for all day long use.
- Weight of the goggle should not be more than 30 grams.
- The goggle should be tested at elevated temperatures, resistant to corrosion, resistant to ignition and optically tested. It should also be tested for disinfection, increased robustness.

TEST CERTIFICATE

The supplier shall submit test certificate along with bulk supply should be as follows

PACKING

The goggles shall be supplied, packed in protective pack for protection from dust & damage.

MARKING

The goggle should be marked with Supplier identity/manufacturer's name/brand name and month & year of manufacturing

SAMPLE

Sample to be submitted along with technical bid for technical scrutiny & evaluation.

INSPECTION

Inspection of goggle will be carried out at our works with reference to provided dimensions and test certificate.

GUARANTEE CERTIFICATE

Guarantee certificate to be given for any manufacturing defects along with its consignment for free replacement within six months from date of receipt at stores

REV NO
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PREPARED BY
SG

APPROVED BY
HB
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ISSUED BY
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ISSUE DATE
29.11.22